

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	((KINNICHI) near2 (YAMADA)).INV.	US-PGPUB; USPAT	AND	ON	2007/05/11 16:01
S2	1	((TAMOTSU) near2 (KINOSE)).INV.	US-PGPUB; USPAT	AND	ON	2007/05/11 16:07
S3	1	((HIROKAZU) near2 (CHIKAKIYO)). INV.	US-PGPUB; USPAT	AND	ON	2007/05/11 16:00
S4	1	S1 S2 S3	US-PGPUB; USPAT	OR	ON	2007/05/11 16:01
S5	1	("20010002851").PN.	US-PGPUB; USPAT	AND	ON	2007/05/14 10:14
S6	1781	(709/246).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/14 10:42
S8	20622	data (modification or modify or modified or modifying) format	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:11
S9	177	S8 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/14 10:44
S10	136	S9 and @ad<"20021009"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 15:16
S11	104339	transform\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/14 14:52
S12	330840	convert\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/14 14:50

## EAST Search History

S13	90587	translat\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/14 14:51
S14	104339	transform\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/14 14:51
S15	43345	(altering or alter) same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/14 14:52
S16	999	(S11 or S12 or S13 or S14 or S15) and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 08:59
S17	734	S16 and @ad<"20021009"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:11
S18	23	S17 and (program same conversion same network same server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/14 14:54
S19	34	("4417322"   "4441829"   "4445795"   "5050071"   "5119465"   "5173853"   "5202977"   "5283887"   "5317568"   "5341477"   "5412566"   "5434852"   "5461611"   "5473608"   "5491693"   "5491800"   "5499343"   "5506985"   "5509010"   "5509123"   "5557780"   "5590281"   "5608874"   "5708828"   "5774668"   "5828847"   "5832451"   "5911776"   "6119137").PN. OR ("6330617").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/15 10:20
S20	2	("2001/0013070").URPN.	USPAT	AND	ON	2007/05/15 10:37

## EAST Search History

S21	21	("5227778"   "5675507"   "5706442"   "5727159"   "5794039"   "5826062"   "5848415"   "5864870"   "5911776"   "5918013").PN. OR ("6134598").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/15 10:37
S22	2	("2001/0013070").URPN.	USPAT	AND	ON	2007/05/15 10:46
S23	21	("2002/0073236").URPN.	USPAT	AND	ON	2007/05/15 10:47
S24	8	("6006260"   "6185625").PN. OR ("6704798").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/15 10:49
S25	1785	(709/246).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/15 16:12
S26	104432	transform\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:12
S27	331055	convert\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:12
S28	90663	translat\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:12
S29	104432	transform\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:12
S30	43388	(altering or alter) same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:12

## EAST Search History

S31	1002	(S26 or S27 or S28 or S29 or S30) and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:13
S32	737	S31 and @ad<"20021009"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:12
S33	320586	(S26 or S27 or S28 or S29 or S30) and @ad<"20021009"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:14
S34	199	conversion same program same (device adj information)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:15
S35	54	S33 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/15 16:15
S36	30	("5200864"   "5274772"   "5335328"   "5384669"   "5414570"   "5517670"   "5535335"   "5539918"   "5593724"   "5845283"   "5946691"   "5953724"   "5956715"   "6028602"   "6058462"   "6144962"   "6147687"   "6154748"   "6199099"   "6230318"   "6240410"   "6308173"   "6335733"   "6411974"   "6418446"   "6442549"   "6470388"   "6515656"   "6606649"   "6795809").PN. OR ("7111075"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/15 17:04
S37	230	data relay device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/05/16 08:57

## EAST Search History

S38	1785	(709/246).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/16 08:57
S40	104432	transform\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 08:58
S41	331055	convert\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 08:58
S42	90663	translat\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 08:58
S43	104432	transform\$ same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 08:58
S44	43388	(altering or alter) same ((frame adj format) or information or (data adj format))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 08:58
S45	1002	(S40 or S41 or S42 or S43 or S44) and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 08:58
S46	0	S37 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/05/16 08:58

## EAST Search History

S47	29	(S40 or S41 or S42 or S43 or S44) and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 09:01
S48	7	(S40 or S41 or S42 or S43 or S44) same S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 09:11
S49	990	(S40 or S41 or S42 or S43 or S44) same conversion same relay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 09:11
S50	422	(S40 or S41 or S42 or S43 or S44) same conversion same relay same device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 09:12
S51	5	S50 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 09:12
S52	43913	(device adj information)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 15:05
S53	1433	(device adj information) (update or updating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 15:06
S54	189	(device adj information) near (update or updating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 15:16

## EAST Search History

S55	1785	(709/246).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/16 15:06
S56	0	S54 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 15:06
S57	8	S54 same (comparison or compare or compared)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/05/16 15:07
S58	73	S54 and @ad<"20021009"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/05/16 15:16